

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Paul M. Fern. et al.

Docket: COR-SP01-107

Serial Number: 09/846,697

Group Art Unit: 1756

Filed: May 1, 2001

Examiner: John A. McPherson

For: POLYMER WAVEGUIDE FABRICATION PROCESS

FAX COVER SHEET

TO: Commissioner for Patents  
Washington, D.C. 20231

FAX NO.: (703) 872-9310

FROM: Richard S. Roberts  
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DATE: October 31, 2002

KINDLY DIRECT THIS COMMUNICATION TO:

EXAMINER : John A. McPherson  
GROUP : 1756

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AMENDMENT TRANSMITTAL

Commissioner for Patents

Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above captioned application.  
The fee has been calculated below.

Claims as amended:

	No. of Claims	No. of Claims Previously Paid For	Extra Claims	Rate Per Claim	Additional Claim Fee
Total Claims	32	30	2	(18)(9)	\$36.00
Indep. Claims	2	3	0	(84)(42)	\$0
				Subtotal	\$36.00

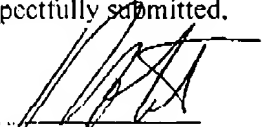
TOTAL FEE FOR THIS AMENDMENT

\$36.00

Please charge \$36.00 to Deposit Account No. 18-1589.

The Commissioner is authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required by this paper, or credit any overpayment, to Deposit Account No. 18-1589.

Respectfully submitted.

  
Richard S. Roberts  
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(609) 921-3500  
Date: October 31, 2002

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AMENDMENTCommissioner for Patents  
Washington, D.C. 20231FAX RECEIVED  
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OFFICE

Sir:

In response to the Office Action mailed July 31, 2002, please amend the above identified patent application as follows:

In the claims:

CLEAN-COPY OF THE AMENDED CLAIMS

1. (Amended) A method for producing a polymer waveguide on a substrate, the method comprising the steps of:

- a) providing a substrate and then  
b) conducting (i) or (ii) or (iii):

(i) coating a layer of a liquid, photosensitive buffer composition onto the substrate; then deoxygenating the buffer layer under the conditions of vacuum, purging with inert gas, or a combination of vacuum and purging with inert gas; overall exposing the deoxygenated buffer composition to sufficient actinic radiation to only partially polymerize the buffer composition to a level below a substantially full curing of the buffer